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	U.S. Patent	Kind Code*	Name of Patentee or Applicant of Cited Document	of Cited Document MM-DD-YYYY	Figures Appear
miner Cite	Number	(if known)		10-1446	
	Re. 32,261		Hirota, et al.	12-19-3	
201/	4,027,066		Victorius	5-1980	
) U	4,210,565	_	Emmons	11-1484	
14	4,442,156		Yamagushi	11-1985	
) li	4,551,381		Inoue	10-1988	
0/4	4,753,829		Panush Kato, et al.	9=1991	
011	4,994,327		lwasa	11-1992	
su_	5,143,772		Kato, et al.	U-1993	
141	5,202,191		Sugasawa, et al.	17 - 1994	
Jul	5,376,454		Ohkura, et al.	9-1946	
JU	5,554,439		Mezger	3-1948	
DU	5,725,941		Ogiso, et al.	T4-1948	
1011	5,800,912		Rinehart, et al.	10-1998	
2011	5,827,608			ļ <u> </u>	
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		Ent	aign Patent Doc	HUKEIGN	PATENT DOCUMEN	Date of Publication	Pages, Columns, Lines, Where Relevant	7
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First Named Invent r Willett, Kevin R.

Group Art Unit 1773

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U.S. PATENT DOCUMENTS Pages, Columns, Lines, Where U.S. Patent Document Date of Publication Name of Patentee or Applicant of Cite Kind Code² of Cited Document Relevant Passages or Relevant Examiner Cited Document Number MM-DD-YYYY Figures Appear (if known) Initials No. - ZDA 6,084,034 Miyama, et al. 5,763,011 Miyama, et al. Gustafson, et al. 5,306,537 Miyama, et al. 4,945,123 4,538,380 Colliander Shiono Mikio, et al. JP 6025604 Harada Fumio, et al. JP 2144227 JUL 10 2001 70 3600 MAIL BOOM

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	Filing Date	April 20, 2001
ı	First Named Inventor	Willett, Kevin R.
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Application Number	09/839,887					
Filing Date						
First Named Inventor	Willett, Kevin R.					
Group Art Unit						
Examiner Name						
Attorney Docket Number	85939.000193					

	U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No. ¹	U.S. Patent I Number	Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
2019		6,084,034		Miyama, et al.					
77		5,763,011		Miyama, et al.					
		5,306,537		Gustafson, et al.					
		4,945,123		Miyama, et al.					
	_	4,538,380		Colliander					
		JP 6025604		Shiono Mikio, et al.					
		JP 2144227		Harada Fumio, et al.					
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Complete if Known Substitute for form 1449A/PTO **Application Number** 09/839,887 April 20, 2001 INFORMATION DISCLOSURE Filing Date Willett, Kevin R., STATEMENT BY APPLICANT **First Named Inventor** Group Art Unit 3634 (use as many sheets as necessary) **Examiner Name** Sheet of 1 Attorney Docket Number 85939.000193

				S. PATENT DOCUMEN		
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n) u		Re. 32,261		Hirota, et al.		
		4,027,066		Victorius		
		4,210,565		Emmons		•
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		4,551,381		Inoue		
		4,753,829		Panush		
		4,994,327		Kato, et al.		
		5,143,772		lwasa		
		5,202,191		Kato, et al.		
		5,376,454		Sugasawa, et al.		
		5,554,439		Ohkura, et al.		
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		5,800,912		Ogiso, et al.		
1		5,827,608		Rinehart, et al.		
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INFORMATION DISCLOSURE	Filing Date	April 20, 2001
STATEMENT BY APPLICANT	First Named Inventor	Willett, Kevin R.
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(use as many sheets as necessary)	Examiner Name	Nikolas Uhlir
Sheet 1 of 1	Attorney Docket Number	85939 000193

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Examiner Initials	Cite No. ¹	U.S. Patent Number	Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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124		4,994,311		Junker	02-19-1991	
.72		5,116,636		Hajek, et al.	05-26-1992	
		5,306,537		Gustafson, et al.	04-26-1994	
		5,628,956		Theusner, et al	05-13-1997	
7		6,070,364		Berry	06-06-2000	
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